Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041194.D
Acq On : 11 Nov 2020 10:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Nov 11 13:19:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 10:55:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33673	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25542	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.92	69	20259	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.58	63	49967	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	4.65	46	91574	49.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.72%			
24) Chloroform-d	5.08	84	50725	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.72	65	31158	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	93413	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.70	67	31837	5.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.80%			
41) Toluene-d8	7.90	98	87291	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
43) trans-1,3-Dichloropropene-	8.19	79	13150	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.64	63	67817	49.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27063	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30114	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	26576	4.341	ug/L	99
3) Chloromethane	1.53	50	28038	4.392	ug/L	98
5) Vinyl chloride	1.61	62	28871	4.584	ug/L	100
6) Bromomethane	1.87	94	16063	4.450	ug/L	97
8) Chloroethane	1.94	64	16991	4.258	ug/L	99
9) Trichlorofluoromethane	2.15	101	42263	4.937	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24790	4.941	ug/L	97
12) 1,1-Dichloroethene	2.59	96	21507	4.540	ug/L	95
13) Acetone	2.66	43	60997	48.090	ug/L #	54
14) Carbon disulfide	2.81	76	64478	4.073	ug/L	100
15) Methyl Acetate	2.97	43	14192	4.890	ug/L	96
16) Methylene chloride	3.06	84	26604	4.820	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	59477	4.879	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	22781	4.732	ug/L	99
19) 1,1-Dichloroethane	3.89	63	47858	4.973	ug/L	98
21) 2-Butanone	4.73	43	98028	49.449	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	26028	5.242	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Nov 11 13:19:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 10:55:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	12664	5.406 ug/L	96
25) Chloroform	5.11	83	51230	5.308 ug/L	98
27) 1,2-Dichloroethane	5.81	62	35615	4.955 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	41341	5.030 ug/L	96
30) Cyclohexane	5.40	56	37606	4.644 ug/L	98
31) Carbon tetrachloride	5.54	117	37039	5.089 ug/L	98
33) Benzene	5.79	78	101560	5.058 ug/L	100
34) Trichloroethene	6.55	95	26946	5.273 ug/L	97
35) Methylcyclohexane	6.77	83	35484	4.655 ug/L	99
37) 1,2-Dichloropropane	6.80	63	28619	5.267 ug/L	97
38) Bromodichloromethane	7.11	83	36579	5.190 ug/L #	96
39) cis-1,3-Dichloropropene	7.61	75	37819	5.055 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	224263	51.766 ug/L	99
42) Toluene	7.98	91	106773	5.244 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	36434	5.204 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	21515	5.319 ug/L	90
47) Tetrachloroethene	8.56	164	19944	5.308 ug/L	93
48) 2-Hexanone	8.69	43	172224	52.796 ug/L	99
49) Dibromochloromethane	8.81	129	25599	5.450 ug/L	97
50) 1,2-Dibromoethane	8.93	107	19831	5.145 ug/L	95
51) Chlorobenzene	9.45	112	67508	5.228 ug/L	98
52) Ethylbenzene	9.57	91	108809	5.077 ug/L	96
53) m,p-Xylene	9.69	106	41152	5.265 ug/L	99
54) o-Xylene	10.10	106	39880	5.478 ug/L	97
55) Styrene	10.11	104	72329	5.576 ug/L	97
56) Isopropylbenzene	10.48	105	108014	5.518 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26824	5.050 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	20958	5.175 ug/L	99
61) Bromoform	10.29	173	14968	5.768 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	55016	5.660 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	54230	5.387 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	50626	5.278 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4678	4.976 ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	36002	5.296 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	28001	4.972 ug/L	96
69) Naphthalene	14.08	128	48063	4.773 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	27212	5.243 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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